

Abstract

A rectifier system, in particular a rectifier bridge for a three-phase generator, includes a plurality of rectifier elements, specifiabile rectifier elements being different from the other rectifier elements in at least one property.

The rectifier elements are, for example, diodes which differ from one another with regard to the following properties:
switching time or the reverse recovery switching time (t_{rr}) and/or current density and/or chip area and/or chip thickness and/or the breakdown voltage (U_Z) and/or internal resistance (R_I) and/or path resistance and/or with regard to another property which is suited for reducing ripple.

(Figure 1)